

## A MATHEMATICIAN'S GLOSSARY OF LETTERS

Here are a couple of tables of alphabets you might find helpful. Obviously the one on the left is Greek and the one on the right is German (Fraktur). Except for rare use of a few letters from the Hebrew, Arabic, and Russian alphabets, these should be all the letters you need to know. Unless, of course, you feel like learning Hebrew, Arabic, or Russian, in which case their alphabets might be a good place to start.

Alpha	$A$	$\alpha$
Beta	$B$	$\beta$
Gamma	$\Gamma$	$\gamma$
Delta	$D$	$\delta$
Epsilon	$E$	$\epsilon, \varepsilon$
Zeta	$Z$	$\zeta$
Eta	$H$	$\eta$
Theta	$\Theta$	$\theta, \vartheta$
Iota	$I$	$\iota$
Kappa	$K$	$\kappa, \varkappa$
Lambda	$\Lambda$	$\lambda$
Mu	$M$	$\mu$
Nu	$N$	$\nu$
Xi	$\Xi$	$\xi$
Omicron	$O$	$o$
Pi	$\Pi$	$\pi$
Rho	$P$	$\rho, \varrho$
Sigma	$\Sigma$	$\sigma$
Tau	$T$	$\tau$
Upsilon	$\Upsilon$	$\upsilon$
Phi	$\Phi$	$\phi, \varphi$
Chi	$X$	$\chi$
Psi	$\Psi$	$\psi$
Omega	$\Omega$	$\omega$

A	Ⓐ	ⓐ
B	Ⓑ	ⓑ
C	Ⓒ	ⓒ
D	Ⓓ	ⓓ
E	Ⓔ	ⓔ
F	Ⓕ	ⓕ
G	Ⓖ	ⓖ
H	Ⓖ	ⓗ
I	Ⓘ	ⓙ
J	Ⓙ	ⓓ
K	Ⓚ	ⓕ
L	Ⓛ	ⓓ
M	Ⓜ	ⓓ
N	Ⓝ	ⓓ
O	Ⓞ	ⓓ
P	Ⓟ	ⓓ
Q	Ⓠ	ⓓ
R	Ⓡ	ⓓ
S	Ⓢ	ⓓ
T	Ⓣ	ⓓ
U	Ⓤ	ⓓ
V	Ⓥ	ⓓ
W	Ⓦ	ⓓ
X	Ⓧ	ⓓ
Y	Ⓨ	ⓓ
Z	Ⓩ	ⓓ